



U.S. Department of Energy
Energy Efficiency and Renewable Energy

Federal Fleet AFV & Efficiency Requirements

Energy 2003

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EPAct of 1992

- Phased-in acquisition of AFVs beginning in FY 1993; 75% of FY 1999 & later LDV acquisitions must be AFVs
- Coverage extends to Fleets that have:
 - 50 or more LDVs in the U.S.
 - 20 or more LDVs in a single MSA/CMSA
- Excluded vehicles: law enforcement, emergency, non-road, garaged overnight/personal residence, research and testing vehicles...
- EPAct amended by Energy Conservation and Reauthorization Act of 1998 (ECRA):
 - Requires annual AFV compliance report submitted to Congress by each agency starting in FY 1999
 - Provides for biodiesel fuel use credits



EO 13149 (April 2000)

- 20% reduction in annual petroleum consumption by FY 2005
- Use alternative fuel in AFVs the majority of the time by FY 2005
- Increase average fuel economy of new light duty acquisitions:
 - 1.0 mpg Increase by FY 2002
 - 3.0 mpg Increase by FY 2005
- Exemptions for off-road, law enforcement, military and emergency vehicles
- Annual compliance reports to DOE



Data Reporting – FAST

- The Federal Automotive Statistical Tool (FAST) is an on-line reporting system developed and supported by DOE-EE, GSA, and DOE-EIA
- FAST benefits include:
 - consolidates fleet reporting requirements for E.O. 13149, EPA Act, & SF- 82
 - stores data for easy access/review and annual reporting
 - simplifies reporting process and eliminates paperwork
 - rolls-up fleet level data to agency-level automatically

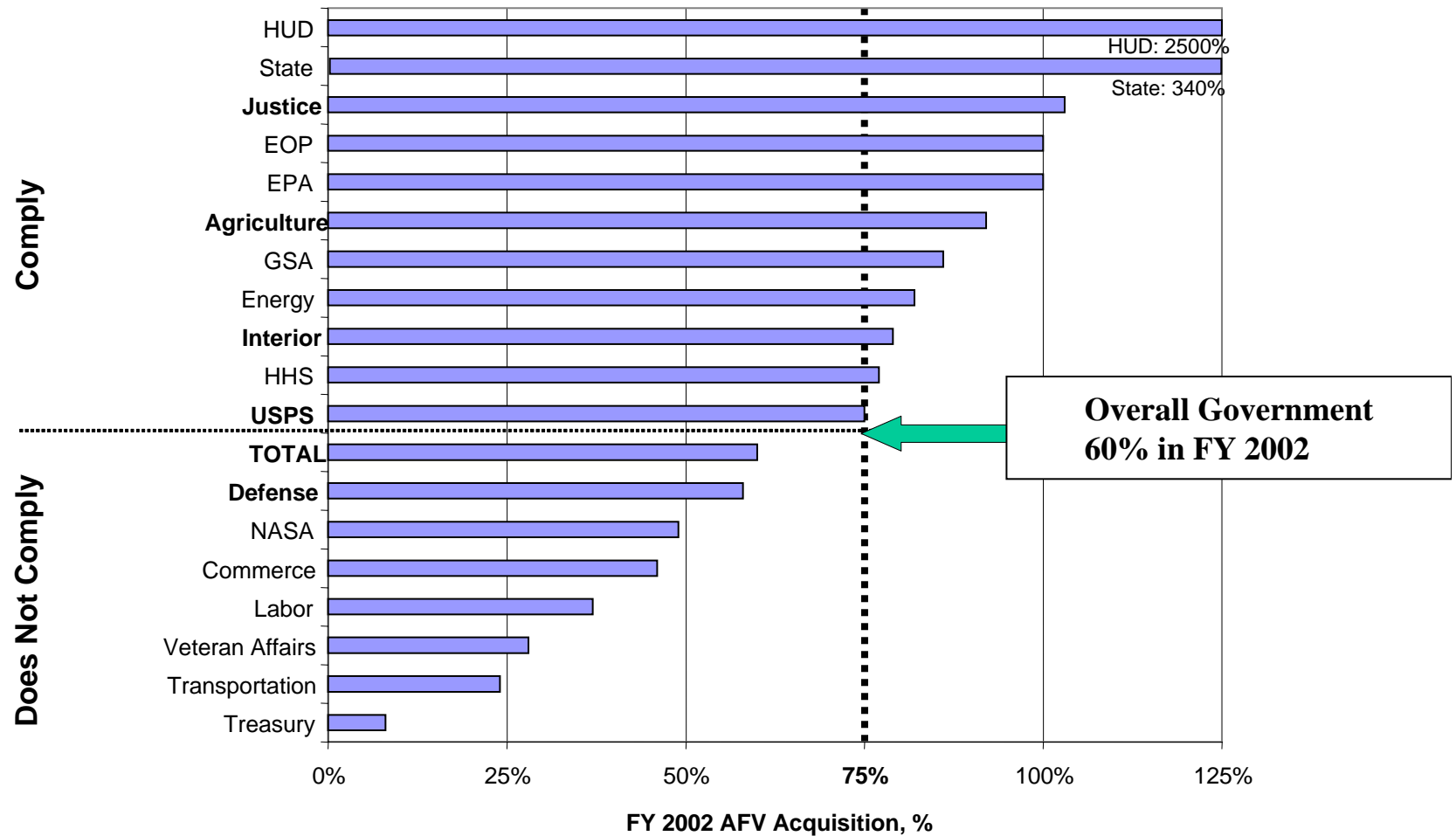


FAST (continued)

- Fleets report data using FAST system
 - conventional and alternative fuel vehicle acquisitions, plans, and projections
 - vehicle cost/mileage data – SF82 data
 - petroleum and alternative fuel consumption
- Agency FAST data due annually November 1st
- Agency AFV reports (written report & agency data) due November 13th
- DOE submits summary report on agencies' compliance to White House & OMB by March 1st



EPAct Compliance



Agency EPAct Compliance



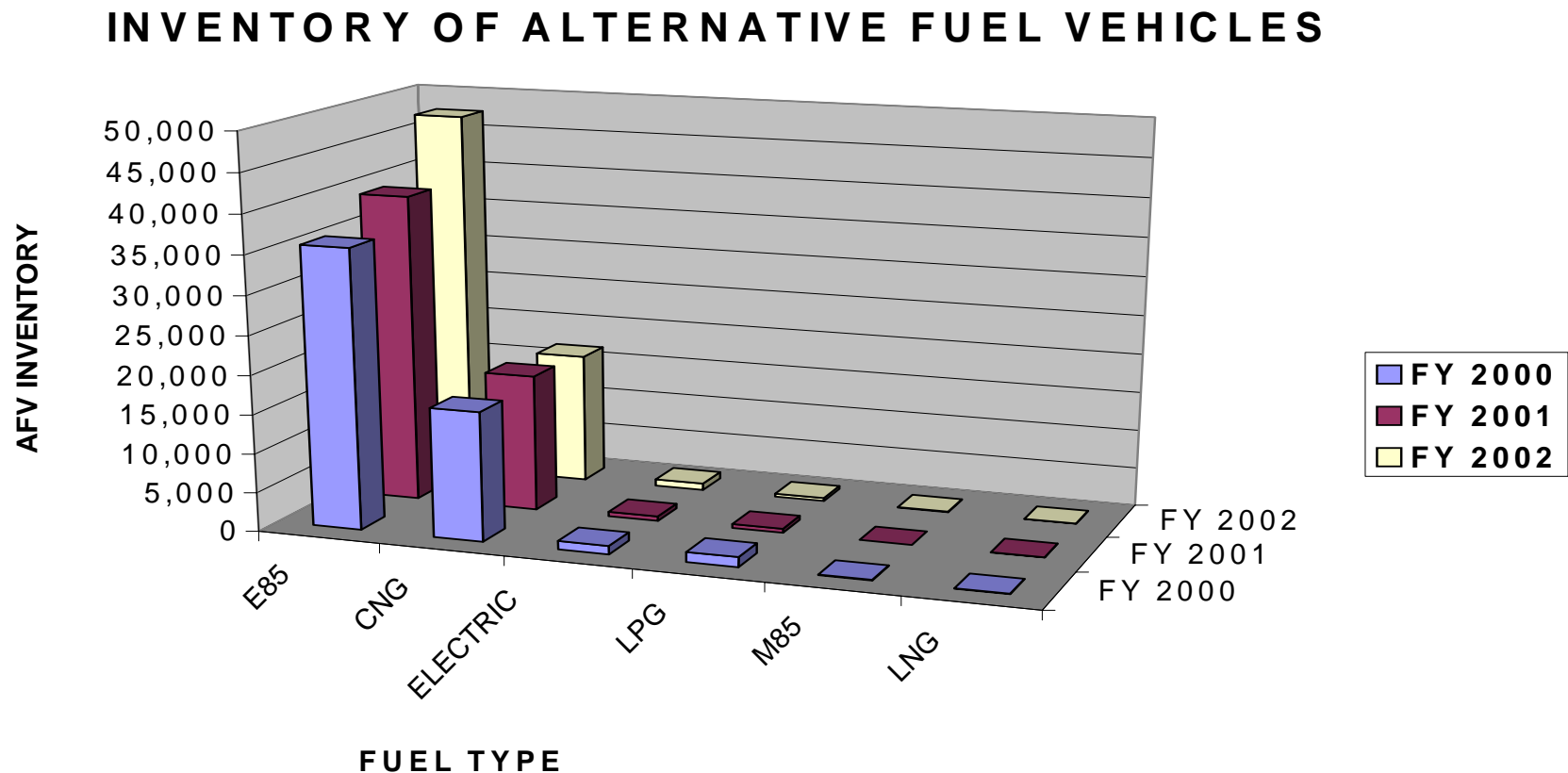
EPAct compliance is increasing

Fiscal Year	AFVs Acquired	Total EPAct Credits	Percent of Acquisition	Total AFVs
2000	7,922	9,188	44%	55,260
2001*	8,798	9,736	45%	58,242
2002*	9,387	10,870	60%	65,687

Source: FAST database - *Preliminary data

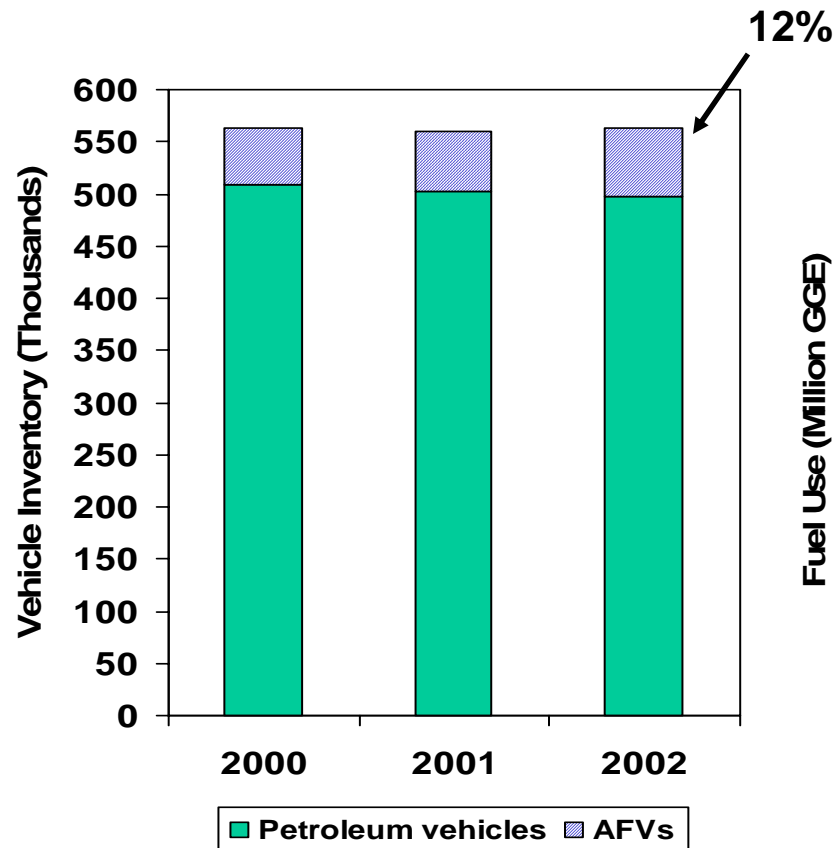


Federal Fleet Inventory of AFVs

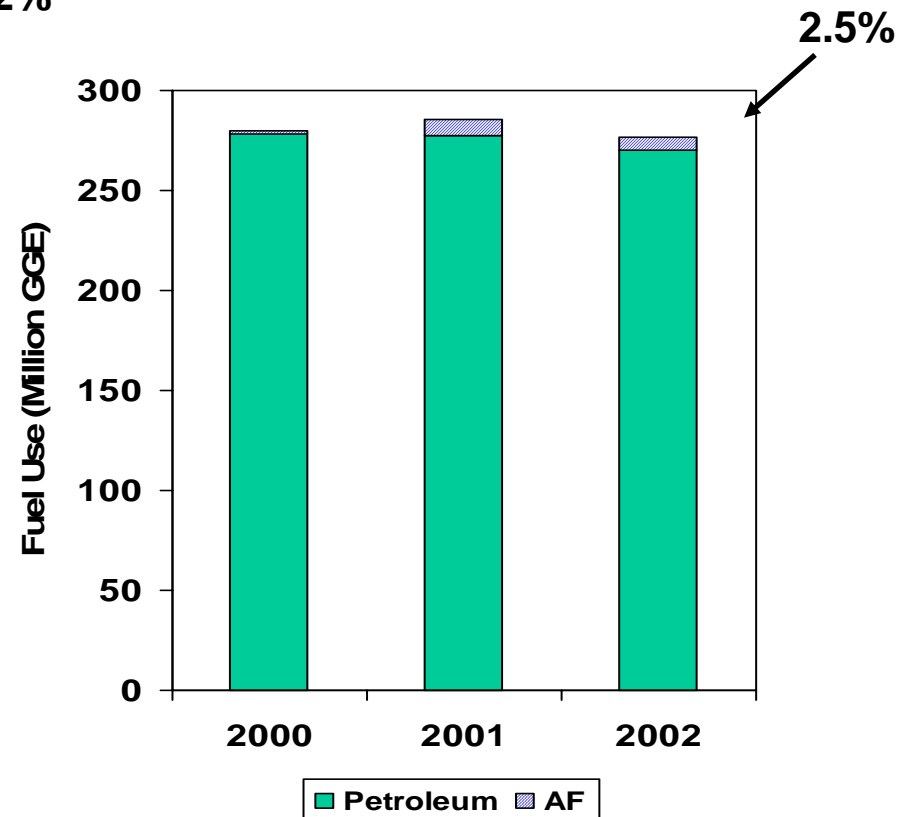




Federal Fleets Vehicles and Fuels:



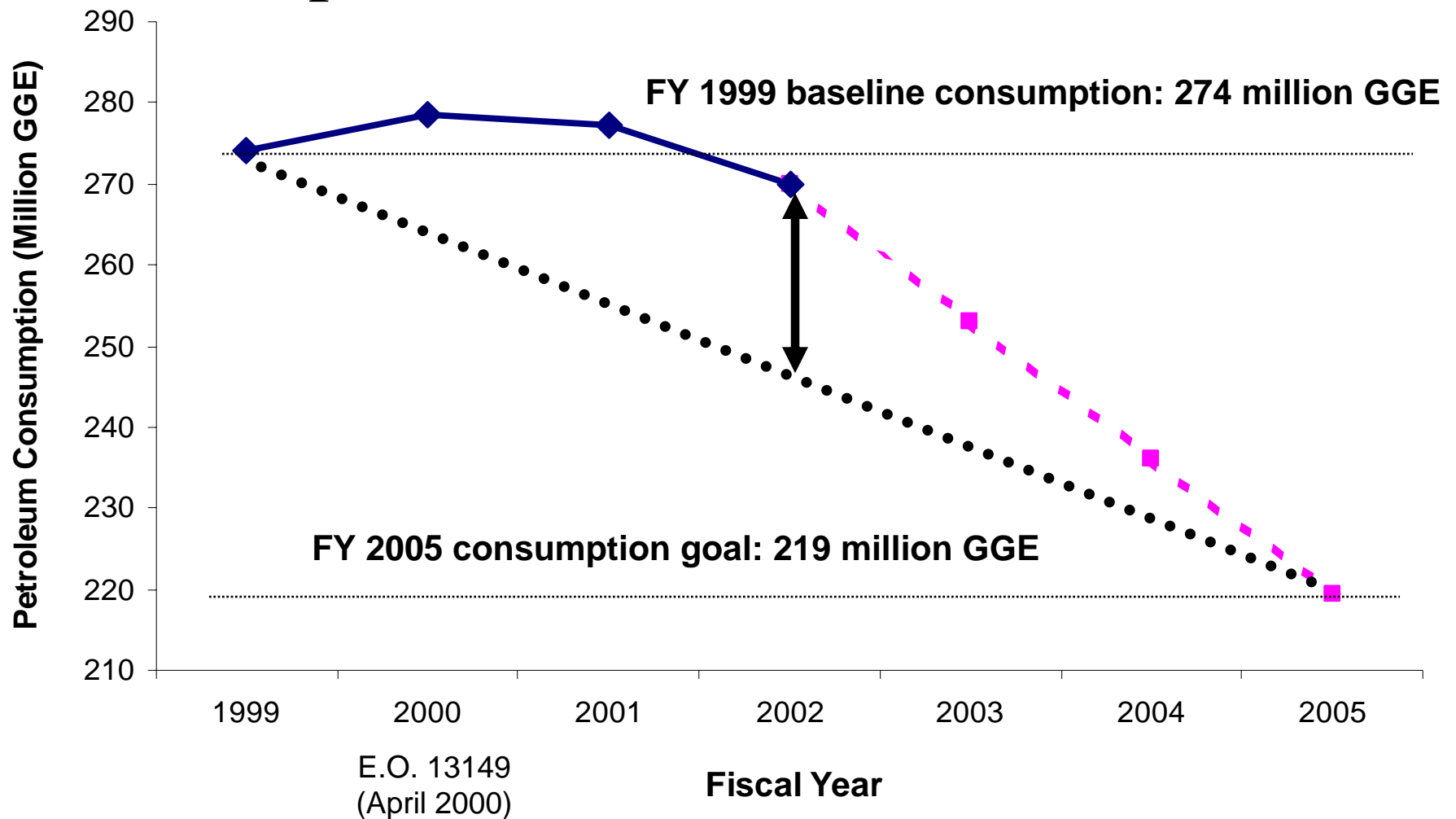
Agencies are acquiring more AFVs...



...but alternative fuel use is still low.

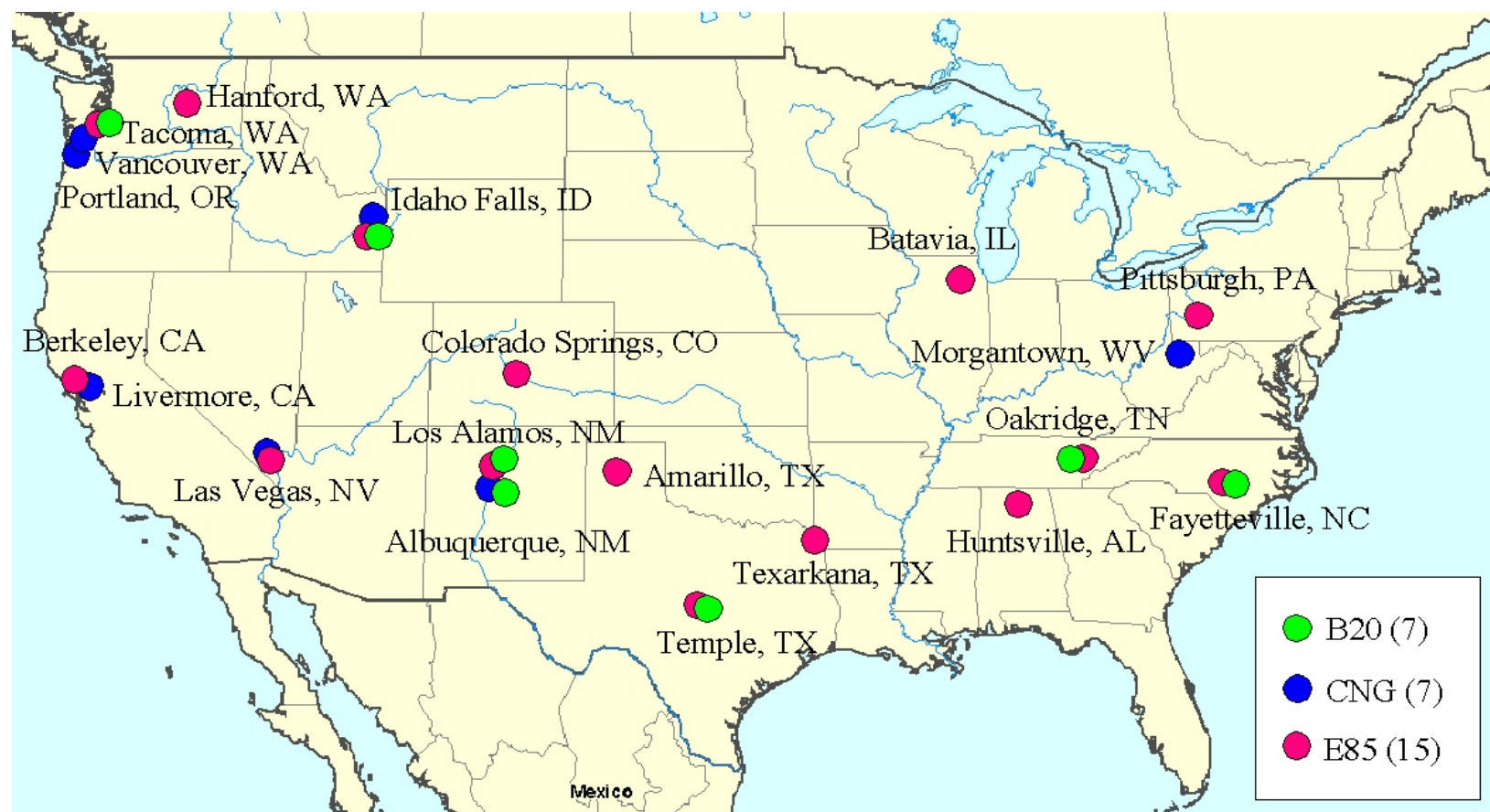


E.O. 13149: Federal-wide petroleum consumption





Planned Infrastructure Sites for FY 2004





Legislative Proposals Affecting Fed. Fleet

- Partial credits for hybrid vehicles (S.14)(EAS H.R.6)
- Credits for neighborhood electric vehicles (S.14, EAS H.R.6)
- Expanded fuel use credits (S.14)(EAS H.R.6)
- Hybrid truck acquisition requirements (EAS-H.R.6)
- Increased EPAct acquisition requirements (EAS-H.R.6)
- Fuel use requirements for AFVs (H.R. 14, S.14, EAS-H.R.6)
- Fuel economy improvements (S.14)(EAS HR6)
- Incremental cost distribution (H.R.6, S.14)
- FCV acquisitions (S.14)



Recommended Next Steps

- Aggressively acquire AFVs
- Use alternative fuel in AFVs
- Use biodiesel
- Acquire fuel efficient vehicles



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President Bush in his Propane Vehicle (Crawford, Texas)



“The Federal government should set a good example of conservation by reducing its own energy use.”

President George W. Bush, May 3, 2001



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Information and Resources

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EPAct fleet information
and regulations website

- http://www.ott.doe.gov/epact/fed_fleet_prog.shtml